

CLAIMS

What is claimed is:

1. 1. A mobile alarm system component fixably located within a passenger vehicle, the component comprising:
 - 3 means for wirelessly receiving signals from a mobile alarm controller; and
 - 4 means for performing an alarm indication function based on signals received from the mobile alarm controller.
1. 2. The mobile alarm system component of claim 2, wherein the means for performing an alarm indication function includes means for performing an alarm indication function when a signal has not been received from the mobile alarm controller for a predetermined time interval.
1. 3. The mobile alarm system component of claim 2, wherein the means for performing an alarm indication function includes means for generating an audible alarm indication based on signals received from the mobile alarm controller.
1. 4. The mobile alarm system component of claim 2, wherein the mobile alarm controller is fixably located within the passenger vehicle.
1. 5. The mobile alarm system component of claim 2, the passenger vehicle having a first and a second compartment where the compartments are physically separated and wherein the means for wirelessly receiving signals from a mobile alarm controller is fixably located within the first compartment of the passenger vehicle and the mobile alarm controller is fixably located in the second compartment.
1. 6. The mobile alarm system component of claim 5, wherein the first compartment is an engine compartment.
1. 7. The mobile alarm system component of claim 6, wherein the second compartment is a passenger compartment.
1. 8. A mobile alarm system fixably located within a passenger vehicle, the system comprising:
 - 2 a mobile alarm controller operable to enable wireless data communications; and
 - 3 a mobile alarm component operable to enable wireless data communications with the

4 mobile alarm controller, the component including a processor operable to perform an
5 alarm indication function based upon signals received from the mobile alarm
6 controller.

1 9. The mobile alarm system of claim 8, wherein the component processor is operable to
2 perform an alarm indication function when a signal has not been received from the mobile
3 alarm controller for a predetermined time interval.

1 10. The mobile alarm system of claim 8, wherein the component processor is operable to
2 cause the generation of an audible alarm indication based on signals received from the
3 mobile alarm controller.

1 11. The mobile alarm system of claim 8, the passenger vehicle having a first and a second
2 compartment where the compartments are physically separated and wherein the mobile
3 alarm component is fixably located within the first compartment of the passenger vehicle
4 and the mobile alarm controller is fixably located in the second compartment.

1 12. The mobile alarm system of claim 11, wherein the first compartment is an engine
2 compartment.

1 13. The mobile alarm system component of claim 12, wherein the second compartment is a
2 passenger compartment.

1 14. A mobile alarm system component method, the mobile alarm system component fixably
2 located within a passenger vehicle, the method comprising the steps of:
3 a) wirelessly receiving signals from a mobile alarm controller; and
4 b) performing an alarm indication function based on signals received from the
5 mobile alarm controller.

- 1 15. The mobile alarm system component method of claim 14, wherein step b) includes
2 performing an alarm indication function when a signal has not been received from the
3 mobile alarm controller for a predetermined time interval.
- 1 16. The mobile alarm system component method of claim 14, wherein step b) includes
2 generating an audible alarm indication based on signals received from the mobile alarm
3 controller.
- 1 17. The mobile alarm system component method of claim 14, wherein the mobile alarm
2 controller is fixably located within the passenger vehicle.
- 1 18. The mobile alarm system component method of claim 14, the passenger vehicle having a
2 first and a second compartment where the compartments are physically separated and
3 wherein the mobile alarm component is fixably located within the first compartment of
4 the passenger vehicle and the mobile alarm controller is fixably located in the second
5 compartment.
- 1 19. The mobile alarm system component method of claim 18, wherein the first compartment
2 is an engine compartment.
- 1 20. The mobile alarm system component method of claim 19, wherein the second
2 compartment is a passenger compartment.

- 1 21. A method of installing a mobile alarm system within a passenger vehicle, the method
- 2 comprising the steps of:
 - 3 a) fixably installing in the passenger vehicle a mobile alarm controller operable to
 - 4 enable wireless data communications in the passenger vehicle; and
 - 5 b) fixably installing in the passenger vehicle a mobile alarm component operable to
 - 6 enable wireless data communications with the mobile alarm controller, the component
 - 7 including a processor operable to perform an alarm indication function based upon
 - 8 signals received from the mobile alarm controller.
- 1 22. The method of claim 21, wherein the component processor is operable to perform an
- 2 alarm indication function when a signal has not been received from the mobile alarm
- 3 controller for a predetermined time interval.
- 1 23. The method of claim 22, wherein the component processor is operable to cause the
- 2 generation of an audible alarm indication based on signals received from the mobile alarm
- 3 controller.
- 1 24. The method of claim 22, the passenger vehicle having a first and a second compartment
- 2 where the compartments are physically separated and wherein step a) includes fixably
- 3 installing the mobile alarm component within the first compartment of the passenger
- 4 vehicle and step b) includes fixably installing the mobile alarm controller in the second
- 5 compartment.
- 1 25. The method of claim 24, wherein the first compartment is an engine compartment.
- 1 26. The method of claim 25, wherein the second compartment is a passenger compartment.